

ABSTRACT

Within the systems used to transmit power and or movement between two shafts, toothed wheels can be used. Also, pairs of screws with their complementary threads engaged can be used.

The invention is a geometry for the thread profiles, for screws used in the transmission of power and or movement between two shafts. That geometry enables the threads to have the widest possible contact.

The shafts can be in any relative position: parallel, perpendicular, neither coplanar nor perpendicular, coplanar or not.